

## ABSTRACT

A liquid crystal display apparatus has a pair of substrates, at least one of which is transparent, and a liquid crystal layer formed by enclosing a liquid crystal composition between the pair of the substrates, wherein a display region having a plurality of first semiconductor elements which are arranged in a matrix, and a peripheral circuits region having a plurality of second semiconductor elements for driving said plurality of first semiconductor elements, arranged at the periphery of the display region, are formed on the one substrate of said pair of substrates, and driver circuits for driving the peripheral circuits are bonded at a designated region on the one substrate of the pair of substrates.

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